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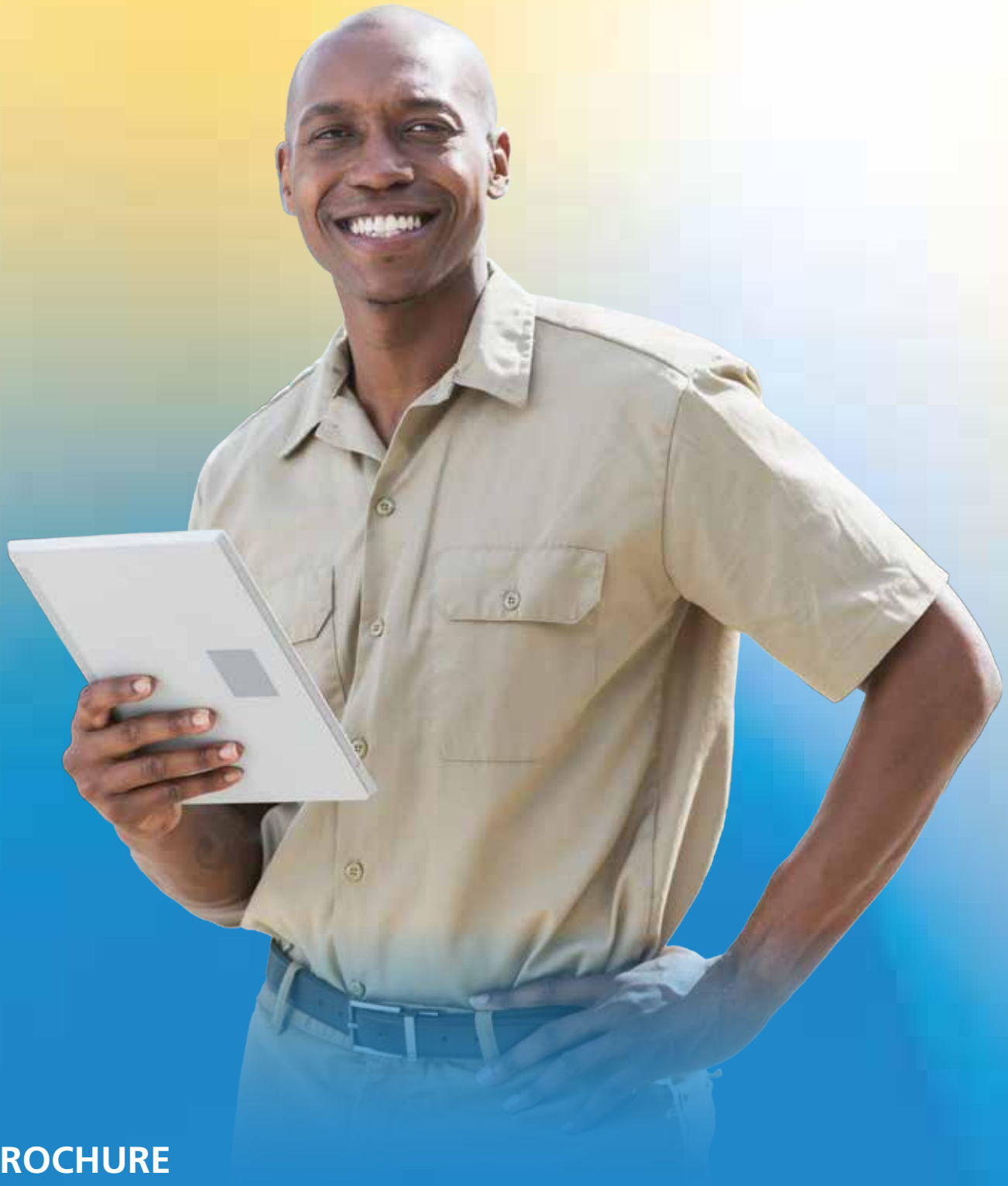
Asset NxT

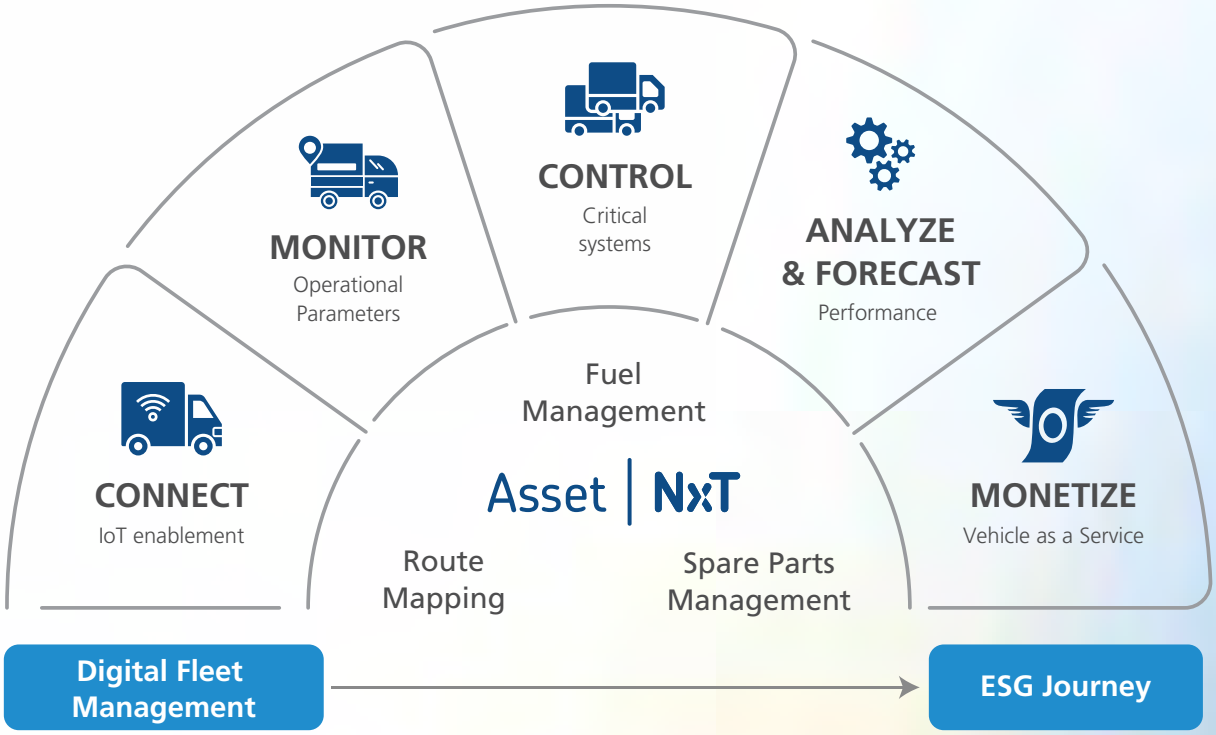


BROCHURE

Digital Fleet Management

Need for Business Transformation

LTIMindtree's Digital Fleet Management enables the visibility of field data for fleet owners. A data-driven approach illustrates specific details around the fuel consumed, routes traveled, number of starts and stops, aging analysis for critical parts, etc. The shift to digital management not only improves the fleet's health, but also builds a framework for ESG by monitoring fleet operations.



FLEET HEALTH AND PRODUCTIVITY MANAGEMENT

- Online condition monitoring & predictive maintenance
- Utilization & Productivity trends
- CV Inspection
- Digital records

CONSIGNMENT TRACKING & ANOMALY DETECTION

- Consignment Tracking
- Driver behavior & fatigue alerts
- Weighment automation
- Anomalies detection

LOGISTICS MANAGEMENT

- Route tracking
- ETA estimations
- Route optimization
- Fuel management
- In-bound/ Out-bound logistics

SPARE PARTS INVENTORY AND WARRANTY MANAGEMENT

- Fleet inventory & aging analysis
- RUL estimate for critical spare parts
- Warranty management

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Future Business Operations

Technology-enabled Future of Fleet Management

Fleet Onboarding

Digital Fleet Mapping

Route Optimization

Fleet Health Monitoring

Warranty & Service Support

Digital Transaction

Key Outcomes

- Enhance Operational Visibility
- Optimize Fleet Size
- Improve Productivity
- Reduce Fuel Consumption
- Increase Vehicle Availability

Increase Vehicle Availability

Summarized View

High level status view: View the performance of different types of vehicles for the entire locality in a unified summary screen.

Vehicle Type vs Status

Specific Parameter View: Customized screens for viewing critical parameters like ignition and connectivity status for each vehicle type group.

Utilization Trends

Utilization Trends: Time series mapping of vehicle utilization provides insights on the fleet performance and enhances the visibility of field data.

…and many other use cases such as Route Optimization, Intelligent Weighbridge, Fleet Inventory and Aging Analysis, etc.

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LTIMindtree

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